

POWERLINE

SPRING 2010

NEWSLETTER OF THE SOUTHEASTERN POWER ADMINISTRATION

CALENDAR OF EVENTS



American Power Dispatchers Association Conference

May 10-12, 2010
Biloxi, MS

COE Hydropower Industry Day

May 13, 2010
Nashville, TN

VACAR PWG Meeting

May 18-19, 2010
Columbia, SC

DOE CFO Conference

May 18-20, 2010
Santa Clara, CA

TVPPA Annual Conference

May 17-19, 2010
Savannah, GA

SMEPA Lighting Workshop

May 25, 2010
Hattiesburg, MS

APPA National Conference

June 20-23, 2010
Orlando, FL



New Employees at Southeastern

Southeastern continues to hire new employees to fill vacancies in the agency. The most recent employee to join Southeastern's staff is:

- Jesus (Jesse) Marsden: Program Specialist,
Finance & Marketing Division



Tyer Selected As New Liaison

Katherine Tyer, a Financial Management Specialist in the Department of Energy's Office of Legacy Management (OLM), assumed the duties of Deputy Assistant Administrator in the Power Marketing Liaison Office in Washington, DC, on April 11, 2010. While at OLM,

Tyer was responsible for formulating OLM's budget requests, conducting special analyses, and implementing DOE's budget policies and procedures.



2009 Annual Report

The 2009 SEPA Annual Report is now available on the website (www.sepa.doe.gov), on disc, and in hard copy. Reports may be obtained by contacting Melissa Sease or by accessing SEPA's web-

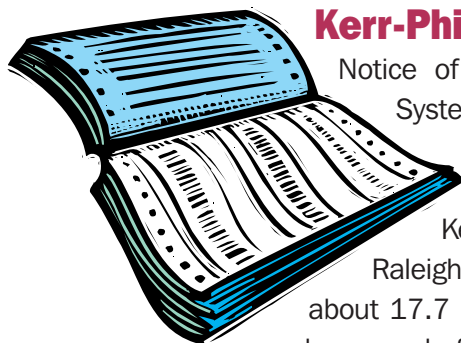
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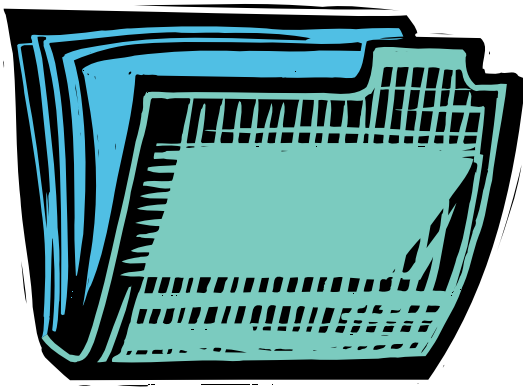
Georgia-Alabama-South Carolina System Rate Adjustment

Notice of a proposed rate adjustment for the Georgia-Alabama-South Carolina System was published in the *Federal Register* on March 17, 2010 (75 FR 12740). On March 24, 2010, notice to change the date and location of the public information and comment forum was published (75 FR 14150). The proposed rate adjustment is an increase of about 15 percent, or \$27,679,000 per year. The repayment study used to develop the proposed rates does not include \$339,198,000 of interest for the Richard B. Russell Project for the period FY 1993 through FY 2009. A public information and comment forum was held Tuesday, April 27, 2010 in Atlanta, GA. Written comments are due on or before June 15, 2010.

Kerr-Philpott System Rate Adjustment

Notice of a proposed rate adjustment for the Kerr-Philpott System was published in the *Federal Register* February 22, 2010 (75 FR 7580). A public information and comment forum on proposed new rate schedules for the Kerr-Philpott System was held March 30, 2010 in Raleigh, NC. The proposed rate adjustment is an increase of about 17.7 percent, or \$3,309,000 per year. Written comments are due on or before May 24, 2010.





Georgia-Alabama-South Carolina System Customer Funding

The most recent items proposed and approved by the Project Review Committee for customer funding in the Georgia-Alabama-South Carolina System includes:

- Allatoona switchyard construction
- Carters units 3 & 4 rewind plans and specifications
- Carters phase reversal switches
- Russell bar screens for pumping units
- Russell switchyard breakers
- GA-AL-SC System projects' drawing updates

Total customer funding for the Georgia-Alabama-South Carolina System to date is approximately \$20,747,000.00.

Kerr-Philpott System Customer Funding

The most recent items proposed and approved by the Project Review Committee for customer funding in the Kerr-Philpott System includes:

- Philpott 13.8 kV breaker relocation
- Philpott exciter automatic voltage regulator replacement
- Philpott digital governor replacement

Total customer funding for the Kerr-Philpott System to date is approximately \$4,394,000.00.

Cumberland System Customer Funding

The Project Coordination Committee continues to work on developing a long-term Memorandum of Agreement for the Cumberland System.

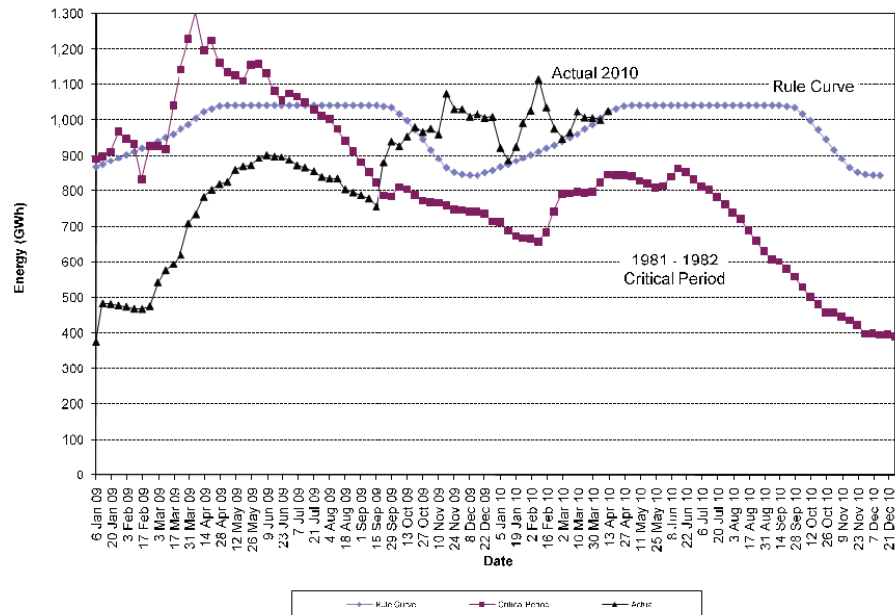
Total customer funding for the Cumberland System to date is approximately \$45,000,000.00.

SEPA Celebrates 60th Anniversary

To celebrate 60 years of marketing and delivering clean, renewable hydropower, SEPA hosted a reception on March 22 at the agency's offices in Elberton, GA. SEPA's new informational video was shown to those attending the event. Customers, employees, retirees, and former SEPA employees were invited to attend.

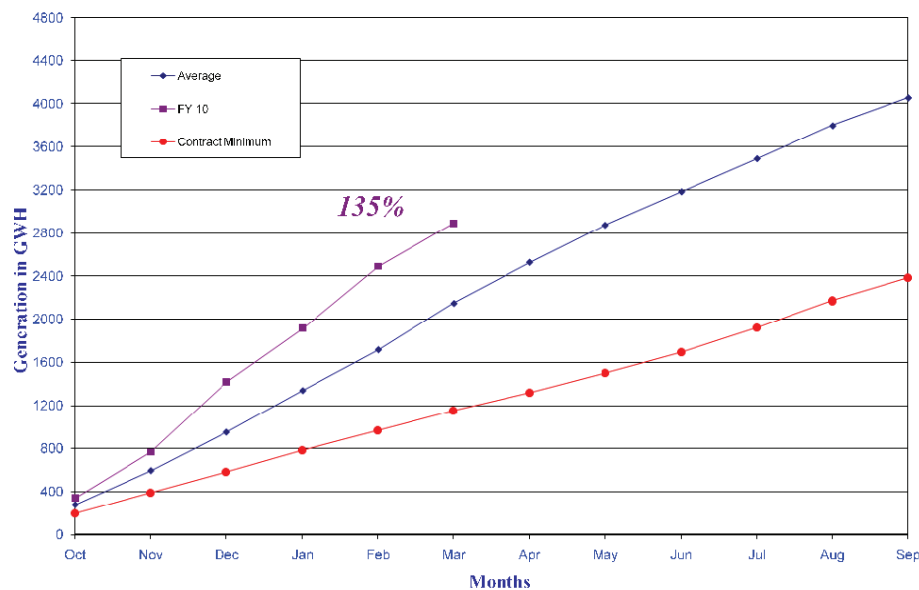


GEORGIA-ALABAMA-SOUTH CAROLINA SYSTEM Energy-In-Storage 2009 - 2010



Note: The critical period is Calendar Year 1981.

GA-AI-SC System FY 09 Cumulative Net Generation



PowerLine and other SEPA publications are posted on our website: www.sepa.doe.gov.

For more information contact Melissa Sease, Public Affairs Office (melissas@sepa.doe.gov), 706.213.3812.

GA-AL-SC System Update

Allatoona #1 (35MW):

- Unit #1 out of service due to transformer failure
- Contract for supply of new transformers has been awarded
- Anticipated delivery in March 2011
- COE Hydro Design Center continues work on switchyard design
- Plans to be completed in Spring 2010

George Rehab #4 (37.5 MW):

- Rehab work on Unit #4 continues
- Unit #4 scheduled to return to service in June-July 2010 timeframe

R.F. Henry #3 (20.5 MW):

- Unit #3 taken out of service in early March 2010 for quadrennial inspection and cavitation repair
- Return date delayed until cavitation problems can be evaluated and repaired

Hartwell #5:

- Unit #5 out due to rotor rim and spider problems
- Contractor is in the process of developing a proposal and cost estimate
- Repairs are estimated to take 4-6 months

Russell #5, 6, 8

- COE in the process of securing contract with external source to acquire and analyze data to develop work plan for permanent solution to vibration and alignment problems
- While units have been out of service, painting has been completed on the penstock gates and raw water tubing

Thurmond #1-7:

- Installation of new CO₂ system on each unit underway
- Outages scheduled one week per unit beginning early April 2010

Cumberland System Update

Customer-Funded Basin Study:

- Contractor for the Cumberland System Basin Study (MWH) continues work on the draft construction plan for the System
- PCC continues to provide comments and input as the plan nears completion
- PCC continues work on developing a long-term MOA for the System

Wolf Creek Dam Safety Issue:

- Work has been temporarily suspended in Critical Area #1 while recent instrumentation and monitoring data can be evaluated
- Analysis expected to take 6-8 weeks
- Grouting on right rim near Halcomb's Landing nears completion
- Contractors continue to drill 50-inch shafts in Technique Area #1 and #2
- Weekly Progress Report available online:
www.lm.usace.army.mil/WolfCreek

Center Hill Dam Safety Issue:

- Drilling and grouting continues
- Section of the left rim has been quarantined to evaluate stability and safety of rock walls before recommendation to continue construction work for area can be made
- Information on Center Hill is available online: www.lm.army.mil/CenterHill

Kerr-Philpott System Update

John H. Kerr Unit #7 (36MW):

- Rehab work on Unit #5 nears completion
- Unit in pre-commissioning stage with estimated return mid-May 2010

Customer-Funded Work Item:

- Replacement of high tension oil-filled Cable System –
 - Cable has been purchased and delivered
 - Installation contract to be in place October 2010
 - Installation expected to take about 4 weeks per unit

Jim Woodruff System Update

Unit Control and SCADA Systems:

- Installation work on the control and SCADA systems resumed with Unit #1 in mid-February 2010
- Work is currently ahead of schedule
- Expected to be completed before June 25, 2010